

Annual Report

Number	Permit Section	Question
1	S5.A	<p>Attach a copy of any annexations, incorporations or boundary changes resulting in an increase or decrease in the Permittee's geographic area of permit coverage during the reporting period per S9.D.6.</p> <p>Not Applicable</p>
2	S5.A	<p>Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S5.A.2)</p> <p>2022 Maple Valley SW Managemen_2_02222022110017</p>
3	S5.A	<p>Implemented an ongoing program to gather, track, and maintain information per S5.A.3, including costs or estimated costs of implementing the SWMP.</p> <p>Yes</p>
4	S5.A.5.b	<p>Coordinated among departments within the jurisdiction to eliminate barriers to permit compliance. (S5.A.5.b)</p> <p>Yes</p>
5	S5.C.1.	<p>Have you convened an interdisciplinary team to inform and assist in the development, progress, and influence of the comprehensive stormwater planning program? (S5.C.1). August 1, 2020</p> <p>Yes</p>
15	S5.C.1.c	<p>Continue to design and implement local development-related codes, rules, standards, or other enforceable documents to minimize impervious surfaces, native vegetation loss, and stormwater runoff, where feasible? See S5.C.1.c.i. (Required annually)</p> <p>Yes</p>
16	S5.C.1.c	<p>From the assessment described in S5.C.1.c.i(a), did you identify any administrative or regulatory barriers to implementation of LID Principles or LID BMPs? (Required annually)</p> <p>No</p>
17	S5.C.1.d	<p>Developed a watershed inventory as outlined in S5.C.1.d.i? (Submitted by March 31, 2022)</p> <p>Yes</p>
17a	S5.C.1.d	<p>Attach watershed inventory as described in S5.C.1.d.i.</p> <p>Receiving Waters Inventory and_17a_02222022110341</p>
18	S5.C.1.d	<p>Developed a receiving water prioritization method and process as described in S5.C.1.d.ii(a)-(c)? (Required by June 30, 2022.)</p> <p>No</p>
20	S5.C.2	<p>Did you choose to adopt one or more elements of a regional program? (S5.C.2)</p> <p>Yes</p>
20a	S5.C.2	<p>If yes, list the elements, and the regional program.</p> <p>Puget Sound Starts Here Month Social Media Campaign, Adopt a Drain WA.</p>
21	S5.C.2	<p>Attach a description of general awareness efforts conducted, including your target audiences and subject areas, per S5.C.2.a.i.</p> <p>2021 Education and Outreach Ef_21_01242022135826</p>
23	S5.C.2	<p>Developed a behavior change campaign that is tailored to the community in accordance with S5.C.2.a.ii(c)? (Required no later than February 1, 2021)</p> <p>Yes</p>
23a	S5.C.2	<p>Attach the strategy and schedule developed in accordance with S5.C.2.a.ii(c).</p> <p>Behavior Change Campaign_23a_01242022140146</p>

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24	S5.C.2	<p>Began implementing strategy outlined in S.5.C.2.a.ii(c) (S5.C.2.a.ii(d) – Required by April 1, 2021)</p> <p>Yes</p>
26	S5.C.2	<p>Promoted stewardship opportunities (or partnered with others) to encourage resident participation in activities such as those described in S5.C.2.a.iii.</p> <p>Yes</p>
26a	S5.C.2	<p>Attach a list of stewardship opportunities provided.</p> <p>2021 Stewardship Opportunities_26a_01242022140347</p>
27	S5.C.3.	<p>Describe in Comments field the opportunities created for the public, including overburdened communities, to participate in the decision-making processes involving the development, implementation, and updates of the Permittee's SWMP and the SMAP. (S5.C.3.a)</p> <p>The public was provided multiple platforms for providing their input on the SWMP. The SWMP was posted online and the public was provided a phone number and email as contact for providing input. SWM staff also responded to comments that were received on the City's facebook page relating to the stormwater program. SWM staff presented at City Council meetings and listened and responded to public comment provided at these meetings. City staff attended the City's town hall meeting and answered stormwater related questions. As part of the SMAP and Storm and Surface Water Comprehensive planning process staff prepared a quick survey for residents to submit information on issues and/or opportunities relating to stormwater. This survey was advertised at the town hall meeting, Maple Valley Days, Farmer's Markets, via social media, through environmental interest groups and through HOAs.</p>
28	S5.C.3.	<p>Posted the updated SWMP Plan and latest annual report on your website no later than May 31. (S5.C.3.b)</p> <p>Yes</p>
28a	S5.C.3.	<p>List the website address in Comments field.</p> <p>https://www.maplevalleywa.gov/departments-services/public-works/storm-water-management-and-npdes-phase-ii/what-is-an-npdes-permit</p>
29	S5.C.4.	<p>Maintained a map of the MS4 including the requirements listed in S5.C.4.a.i-vii?</p> <p>Yes</p>
30	S5.C.4.	<p>Started mapping outfall size and material in accordance with S5.C.4.b.i? (Required no later than January 1, 2020)</p> <p>Yes</p>
30a	S5.C.4.	<p>Attach a spreadsheet that lists the known outfalls' size and material(s).</p> <p>2021 NPDES Annual Report - Out_30a_01242022140651</p>
31	S5.C.4.	<p>Completed mapping connections to private storm sewers in accordance with S5.C.4.b.ii? (Required no later than August 1, 2023)</p> <p>No</p>
32	S5.C.4.	<p>Developed an electronic format for map, with fully described mapping standards in accordance with S5.C.4.c? (Required no later than August 1, 2021)</p> <p>Yes</p>
33	S5.C.5	<p>Informed public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste? (S5.C.5.b)</p> <p>Yes</p>
33a	S5.C.5	<p>Actions taken to inform public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste.</p> <p>The City uses the City website and social media to provide information on illicit discharges and information on proper disposal of wastes. The City works with King County Hazardous Waste to provide direct outreach to businesses on proper storage and disposal of wastes and provides spill kits and other resources. When City staff is notified of an illicit discharge staff provide information directly to offenders whenever possible to encourage correcting behaviors in the future.</p>
34	S5.C.5	<p>Implemented an ordinance or other regulatory mechanism to effectively prohibit non-stormwater, illicit discharges as described in S5.C.5.c.</p> <p>Yes</p>

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35	S5.C.5	Implemented procedures for conducting illicit discharge investigations in accordance with S5.C.5.d.i. Yes
35a	S5.C.5	Cite field screening methodology in Comments field. Illicit Connection and Illicit Discharge Field Screening and Source Tracing Guidance Manual, for King County, Washington Stormwater Center, by Herrera Environmental Consultants, Inc., Aspect Consulting 2020
36	S5.C.5	Percentage of MS4 coverage area screened in the reporting year per S5.C.5.d.i. (Required to screen 12% on average each year.) 60
36a	S5.C.5	Cite field screening techniques used to determine percent of MS4 screened. Percent screened is based on the percentage of catch basins and SW facilities/BMPs inspected within the last year. Every time a catch basin or facility is inspected, inspector must indicate whether evidence of IDDE is present.
37	S5.C.5	Percentage of total MS4 screened from permit effective date through the end of the reporting year. (S5.C.5.d.i.) 95
38	S5.C.5	Describe how you publicized a hotline telephone number for public reporting of spills and other illicit discharges in the Comments field. (S5.C.5.d.ii) Hotline number was posted on the City's website.
39	S5.C.5	Implemented an ongoing illicit discharge training program for all municipal field staff per S5.C.5.d.iii. Yes
40	S5.C.5	Implemented an ongoing program to characterize, trace, and eliminate illicit discharges into the MS4 per S5.C.5.e. Yes
41	S5.C.5	Municipal illicit discharge detection staff are trained to conduct illicit discharge detection and elimination activities as described in S5.C.5.f. Yes
42	S5.C.5	Attach a report with data describing the actions taken to characterize, trace, and eliminate each illicit discharge reported to, or investigated by, the Permittee as described in S5.C.5.g. The submittal must include all of the applicable information and must follow the instructions, timelines, and format described in Appendix 12. Imported from WQWebIDDE
43	S5.C.6.	Implemented an ordinance or other enforceable mechanism to effectively address runoff from new development, redevelopment, and construction sites per the requirements of S5.C.6.b.i-iii. Yes
44	S5.C.6.	Revised ordinance or other enforceable mechanism to effectively address runoff from new development, redevelopment, and construction sites per the requirements of S5.C.6.b.i-iii. (Required no later than June 30, 2022) Not Applicable
45	S5.C.6.	Number of adjustments granted to the minimum requirements in Appendix 1. (S5.C.6.b.i. and Section 5 of Appendix 1) 0
46	S5.C.6.	Number of exceptions/variances granted to the minimum requirements in Appendix 1. (S5.C.6.b.i., and Section 6 of Appendix 1) 0
47	S5.C.6.	Reviewed Stormwater Site Plans for all proposed development activities that meet the thresholds adopted pursuant to S5.C.6.b.i. (S5.C.6.c.i) Yes
47a	S5.C.6.	Number of site plans reviewed during the reporting period. 4

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48	S5.C.6.	<p>Inspected, prior to clearing and construction, permitted development sites per S5.C.6.c.ii, that have a high potential for sediment transport as determined through plan review based on definitions and requirements in Appendix 7 – Determining Construction Site Sediment Damage Potential?</p> <p>No</p>
48a	S5.C.6.	<p>If no, inspected, prior to clearing and construction, all construction sites meeting the minimum thresholds (S5.C.6.c.ii)?</p> <p>Yes</p>
49	S5.C.6.	<p>Inspected permitted development sites during construction to verify proper installation and maintenance of required erosion and sediment controls per S5.C.6.c.iii.</p> <p>Yes</p>
49a	S5.C.6.	<p>Number of construction sites inspected per S5.C.6.c.iii.</p> <p>14</p>
49b	S5.C.6.	<p>Inspected stormwater treatment and flow control BMPs/facilities and catch basins in new residential developments every 6 months per S5.C.6.c.iv?</p> <p>Yes</p>
50	S5.C.6.	<p>Inspected all permitted development sites upon completion of construction and prior to final approval or occupancy to ensure proper installation of permanent stormwater facilities. (S5.C.6.c.v)</p> <p>Yes</p>
51	S5.C.6.	<p>Verified a maintenance plan is completed and responsibility for maintenance is assigned for projects prior to final approval and occupancy being granted. (S5.C.6.c.v)</p> <p>Yes</p>
52	S5.C.6.	<p>Number of enforcement actions taken during the reporting period (based on construction phase inspections at new development and redevelopment projects). (S5.C.6.c.ii-iv)(S5.C.7.c.viii)</p> <p>3</p>
53	S5.C.6.	<p>Achieved at least 80% of scheduled construction-related inspections. (S5.C.6.c.vi)</p> <p>Yes</p>
54	S5.C.6.	<p>Made Ecology's Notice of Intent for Construction Activity and Notice of Intent for Industrial Activity available to representatives of proposed new development and redevelopment? (S5.C.6.d)</p> <p>Yes</p>
55	S5.C.6.	<p>All staff whose primary job duties are implementing the program to control stormwater runoff from new development, redevelopment, and construction sites including permitting, plan review, construction site inspections, and enforcement are trained to conduct these activities? (S5.C.6.e)</p> <p>Yes</p>
56	S5.C.7.	<p>Implemented maintenance standards that are as protective, or more protective, of facility function than those specified in the Stormwater Management Manual for Western Washington or a Phase I program approved by Ecology per S5.C.7.a.?</p> <p>Yes</p>
57	S5.C.7.	<p>Updated maintenance standards specified in Stormwater Management Manual for Western Washington per S5.C.7.a? (Required no later than June 30, 2022)</p> <p>Not Applicable</p>
58	S5.C.7.	<p>Applied a maintenance standard for a facility or facilities which do not have maintenance standards specified in the Stormwater Management Manual for Western Washington? If so, note in the Comments field what kinds of facilities are covered by this alternative standard. (S5.C.7.a)</p> <p>Yes</p>
58a	S5.C.7.	<p>Note what kinds of facilities are covered by this alternative standard. (S5.C.7.a)</p> <p>Modular Wetlands, Filterra (tree in a box) HDS/CDS units</p>
59	S5.C.7.	<p>Verified that maintenance was performed per the schedule in S5.C.7.a.ii when an inspection identified an exceedance of the maintenance standard.</p> <p>Yes</p>

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59a	S5.C.7.	Attach documentation of maintenance time frame exceedances that were beyond the Permittee's control. Not Applicable
60	S5.C.7.	Implemented an ordinance or other enforceable mechanisms to verify long-term operation and maintenance of stormwater treatment and flow control BMPs/facilities regulated by the permittee per (S5.C.7.b.i (a))? Yes
61	S5.C.7.	Annually inspected stormwater treatment and flow control BMPs/facilities regulated by the Permittee per S5.C.7.b.i(b) Yes
61a	S5.C.7.	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.7.b.i (b) Not Applicable
62	S5.C.7.	Achieved at least 80% of scheduled inspections to verify adequate long-term O&M. (S5.C.7.b.ii) Yes
63	S5.C.7.	Annually inspected all municipally owned or operated permanent stormwater treatment and flow control BMPs/facilities. (S5.C.7.c.i) Yes
63a	S5.C.7.	Number of known municipally owned or operated stormwater treatment and flow control BMPs/facilities. (S5.C.7.c.i) 209
63b	S5.C.7.	Number of facilities inspected during the reporting period. 209
63c	S5.C.7.	Number of facilities for which maintenance was performed during the reporting period. 154
64	S5.C.7.	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.7.c.i. Not Applicable
65	S5.C.7.	Conducted spot checks and inspections (if necessary) of potentially damaged stormwater facilities after major storms as per S5.C.7.c.ii. Yes
66	S5.C.7.	Inspected municipally owned or operated catch basins and inlets every two years or used an alternative approach? Cleaned as needed? (S5.C.7.c.iii) Yes
66a	S5.C.7.	Number of known catch basins? 4839
66b	S5.C.7.	Number of catch basins inspected during the reporting period? 2834
66c	S5.C.7.	Number of catch basins cleaned during the reporting period? 329
67	S5.C.7.	Attach documentation of alternative catch basin cleaning approach, if used. (S5.C.7.c.iii. (a)-(c)) Not Applicable
68	S5.C.7.	Implemented practices, policies and procedures to reduce stormwater impacts associated with runoff from all lands owned or maintained by the Permittee, and road maintenance activities under the functional control of the Permittee. (S5.C.7.d) Yes

Number	Permit Section	Question
69	S5.C.7.	Documented practices, policies, and procedures to reduce stormwater impacts associated with runoff from all lands owned or maintained by the Permittee, and road maintenance activities under the functional control of the Permittee. (S5.C.7.d – Required by December 31, 2022) Not Applicable
70	S5.C.7.	Implemented an ongoing training program for Permittee employees whose primary construction, operations or maintenance job functions may impact stormwater quality. (S5.C.7.e) Yes
71	S5.C.7.	Implemented a Stormwater Pollution Prevention Plan (SWPPP) for all heavy equipment maintenance or storage yards, and material storage facilities owned or operated by the Permittee in areas subject to this Permit that are not required to have coverage under an NPDES permit that covers stormwater discharges associated with the activity. (S5.C.7.f) Yes
72	S5.C.7.	Updated, if needed, SWPPPs according to S5.C.7.f no later than December 31, 2022. Not Applicable
73	S5.C.8	Adopted ordinance(s), or other enforceable documents, requiring the application of source control BMPs for pollutant generating sources associated with existing land uses and activities per S.5.C.8.b.i. (Required by August 1, 2022) Not Applicable
74	S5.C.8	Established an inventory per S5.C.8.b.ii. (Required by August 1, 2022.) Not Applicable
75	S5.C.8	Implemented an inspection program S5.C.8.b.iii (Required by January 1, 2023). Not Applicable
76	S5.C.8	Implemented a progressive enforcement policy per S5.C.8.b.iv (Required by January 1, 2023). Not Applicable
77	S5.C.8	Attach a summary of actions taken to implement the source control program per S5.C.8.b.iii and S5.C.8.b.iv. Not Applicable
78	S5.C.8	Attach a list of inspections, per S5.C.8.b.iii, organized by the business category, noting the amount of times each business was inspected, and if enforcement actions were taken. Not Applicable
79	S5.C.8	Implemented an ongoing source control training program per S5.C.8.b.v? Not Applicable
80	S7	Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A) Not Applicable
81	S7	For TMDLs listed in Appendix 2: Attach a summary of relevant SWMP and Appendix 2 activities to address the applicable TMDL parameter(s). (S7.A) Not Applicable
82	S8	Submitted payment for cost-sharing for Stormwater Action Monitoring (SAM) status and trends monitoring no later than December 1, 2019 (S8.A.1); and no later than August 15 of each subsequent year? (S8.A.2.a.) Yes
84	S8	Submitted payment for cost-sharing for SAM effectiveness and source identification studies no later than December 1, 2019 (S8.B.1); and no later than August 15 of each subsequent year (S8.B.2.a or S8.B.2.c)? Yes
86	S8	If conducting stormwater discharge monitoring in accordance with S8.C.1, submitted a QAPP to Ecology no later than February 1, 2020? (S8.C.1.b and Appendix 9) Not Applicable

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87	S8	If conducting stormwater discharge monitoring in accordance with S8.C.1, attach a data and analysis report per S8.C.1. and Appendix 9. (Due annually beginning March 31, 2021.) Not Applicable
88	G3	Notified Ecology in accordance with G3 of any discharge into or from the Permittees MS4 which could constitute a threat to human health, welfare or the environment. (G3) Yes
89	G3	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A. Yes
90	Compliance with standards	Notified Ecology within 30 days of becoming aware that a discharge from the Permittee's MS4 caused or contributed to a known or likely violation of water quality standards in the receiving water. (S4.F.1) Yes
91	Compliance with standards	If requested, submitted an Adaptive Management Response report in accordance with S4.F.3.a. Not Applicable
92	Compliance with standards	Attach a summary of the status of implementation of any actions taken pursuant to S4.F.3 and the status of any monitoring, assessment, or evaluation efforts conducted during the reporting period. (S4.F.3.d) Not Applicable
93	G20	Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware of the non-compliance. (G20) Not Applicable
94	G20	Number of non-compliance notifications (G20) provided in reporting year. List permit conditions described in non-compliance notification(s) in Comments field. 0

Attachments:

View Files Attached to Submission

	DocDescr	DocName	DocExt	DocID	SubID	AppName
View	WAR045525_21_01242022135826	2021 Education and Outreach Ef_21_01242022135826	.pdf	1207685	1803162	wqwebportal
View	WAR045525_30a_01242022140651	2021 NPDES Annual Report - Out_30a_01242022140651	.pdf	1207715	1803162	wqwebportal
View	WAR045525_26a_01242022140347	2021 Stewardship Opportunities_26a_01242022140347	.pdf	1207689	1803162	wqwebportal
View	WAR045525_2_02222022110017	2022 Maple Valley SW Managemen_2_02222022110017	.pdf	1220511	1803162	wqwebportal
View	WAR045525_23a_01242022140146	Behavior Change Campaign_23a_01242022140146	.pdf	1207686	1803162	wqwebportal
View	Submitted Copy of Record for City of Maple Valley	Copy of Record CityofMapleValley Monday March 28 2022	.pdf	1233300	1803162	wqwebportal
View	Submitted Cover Letter for City of Maple Valley	Cover Letter CityofMapleValley Monday March 28 2022	.pdf	1233301	1803162	wqwebportal
View	WAR045525_17a_02222022110341	Receiving Waters Inventory and_17a_02222022110341	.pdf	1220512	1803162	wqwebportal
View	WAR045525-2021-ImportedIDDEs_02222022114734	WAR045525-2021-ImportedIDDEs_02222022114734	.xml	1220533	1803162	wqwebportal

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